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AUTHOR Sullivan, Pat
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ABSTRACT

Members of the Las Cruces School District graduating class of 1989 were surveyed by mail about postsecondary studies, work, and the effectiveness and usefulness of their high school courses and experiences. Of 998 graduates, 203 responded. Respondents were 57% Anglo and 42% Hispanic. Compared to the graduating class as a whole, respondents had significantly higher rates of female and Anglo and had a higher mean grade point average. About 79% of respondents were attending school either full time or part time, and 60% of these students were working. Respondents indicated that: (1) English, math, and science were the most useful subjects in high school and should receive greater emphasis; (2) they could have and should have taken a more serious approach to their high school studies; and (3) career planning and counseling services in high school were weak. College students felt that advanced placement courses had been beneficial. The high percentage of students attending New Mexico State University suggested the need for closer coordination between the school district and that university. Of 30 respondents not attending school or in the armed forces, 43% reported high job satisfaction, and only 10% reported that the job was related to their vocational studies in high school. This paper contains data tables, charts, and figures. The appendices include the survey instrument and the survey results in tables or charts. (SV)

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ED386244

Las Cruces Public Schools

The Graduate Survey
Class of 1989
January 1991

Data Services and Evaluation
Prepared by: Pat Sullivan, MA.
Assessment and Evaluation Specialist
June 1991

RC 018326

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This paper was submitted in fulfillment of a class in Management Technology (EMD 590) at New Mexico State University.

REPORT OF THE GRADUATE SURVEY
CONDUCTED DECEMBER 1990
TO THE LAS CRUCES CLASS OF 1989

Introduction

Public schools try to determine school district needs through various means. One important way is to question those who attended our schools and are now graduates. Graduates are able to reflect on the effectiveness and value of the education they received and to evaluate the quality of programs available while they were students. The purpose of this survey was to gather information which would aid in evaluating the strengths and weaknesses of the educational program they received.

Setting

The Las Cruces Public School District is located in southern New Mexico and occupies the central third of Dona Ana County. The current population is about 98,000. Las Cruces has a diversified economy. The major employees are White Sands Missle Range, New Mexico State University , and the public schools. There is an agricultural base due to the fact that the community lies on the Rio Grande River in the Mesilla Valley.

During the 1988-1989 school year there were 18,199 students enrolled in the district schools grades K-12. The schools include 20 elementary schools, 5 middle schools, and 4 high schools. The students population is approximately 57% hispanic, 39% anglo, 2% black and 1% other. There were 1087 students beginning the 1988-1989 school year as seniors. Of this number, 998 graduated in May, 1989.

Procedures

The graduate survey was mailed to 998 post-graduates from the graduation classes of 1989 of Mayfield, Las Cruces, and Onate High Schools. The survey consisted of 15 questions which included basic demographic information, questions dealing with college (for those attending), work (for those employed), and reflections on the effectiveness and usefulness of their previous high school experience. A copy of the survey instrument developed for this study is included as appendix A.

The survey was mailed in mid December of 1990. Of those, 203 were returned yielding a response rate of 20%. An additional 103 surveys were returned as undeliverable. The low response rate is due to several conditions: first, the graduates contacted graduated one year and six months earlier. In survey response rates, high rates are reported only if the contacted class has graduated within a few months of the mailing. Second, there was only one contact attempted by mail to keep costs down. High rates of response are obtained by several follow-up mailings along with attempted phone contracts.

Findings

After the preliminary analysis was compiled for the 203 respondents, it became apparent that the respondents might not be a representative sample of the entire 998 graduates. In order to validate this suspicion, data about the two groups was obtained from the high school records and comparisons were made of grade point average (GPA), gender classification and ethnicity classification. Table one shows the data of interest.

TABLE I

CATEGORY	998 Graduates	203 Respondents
Mean GPA	2.53	2.95
Percent Male	50.70	41.10
Percent Female	49.30	58.90
Percent Anglo	47.20	57.40
Percent Hispanic	50.20	42.10
Percent Other	2.60	0.50

The table suggests that the respondent group had a higher high school GPA than the GPA of all the graduates. A t-test computed on these mean scores found a significant difference between the two groups ($t = 7.89$, 339 df, $p < .01$). The respondent group was also different from the graduating class in gender and ethnicity. A proportionately larger number of females responded to the survey than males (chi sq.= 9.3, df=1, $p<.01$), and a proportionately larger number of Anglos responded (chi sq.= 13.3, df=2, $p<.01$). The reader is therefore cautioned that the responses from this survey reflect the opinions of a group of graduates which is somewhat different than the graduating class of 1989, at least in terms of their high school grades, sex, and ethnicity.

For the purposes of this report the results for each question are shown in four groups:

Group 1: All respondents (203)

Group 2: Respondents who attend school full time or part time (161)

Group 3: Respondents who are not attending school (42)

Group 4: Respondents who are presently employed (124)

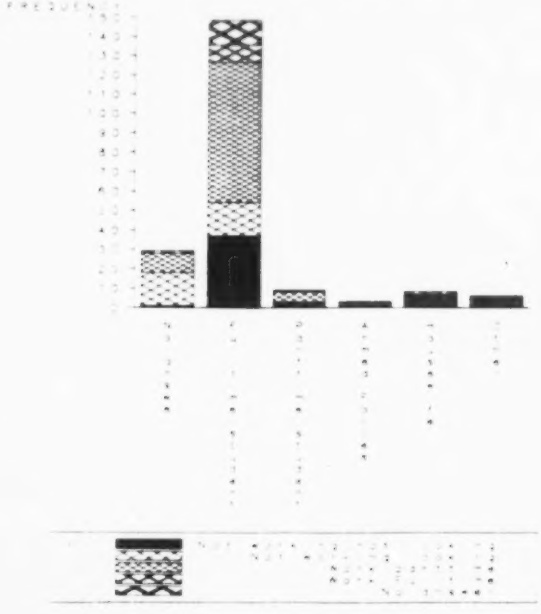
Question 1. What are you doing at the present time? (Check each item that describes your present activity)

152	In school, full time	37	Working, full time
9	In school, part time	87	Working, part time
7	In armed forces	14	Not working, looking for a job
4	Housewife	13	Not working, not looking

This question was meant to divide the respondents according to their present activities. Significant observations about this question include the fact that 79% of the respondents are attending school either full time or part time. Also significant is that 60% of the students are working while they attend school. The largest group is full time students working part time.

FIGURE I

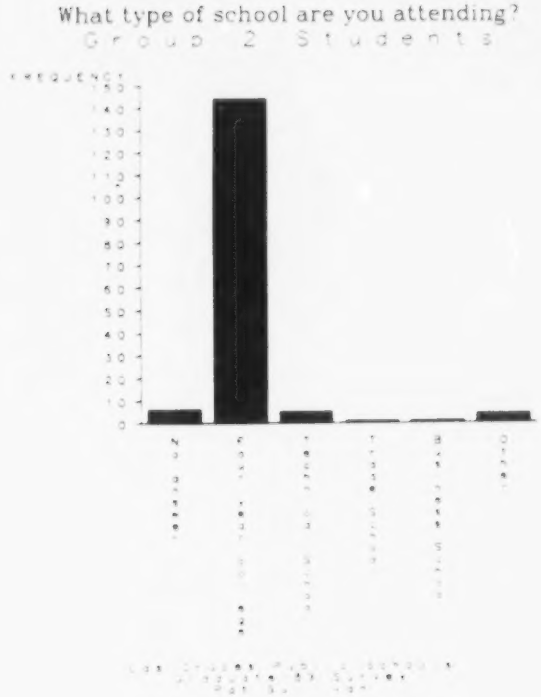
Who answered the survey?



Question 2. What type of school are you attending?

144	4 year college or university
5	Technical school (type)
___	Trade School (type)
1	Private Business School
4	Other (describe)
5	Jr. College (also check one of the following)
5	Plan to go to a 4 year college
___	2 year AA only
___	Certificate Program

FIGURE II



Question 3. **What is the name of the school?** _____

This question applies again to Group 2 (Students) only. These are the results:

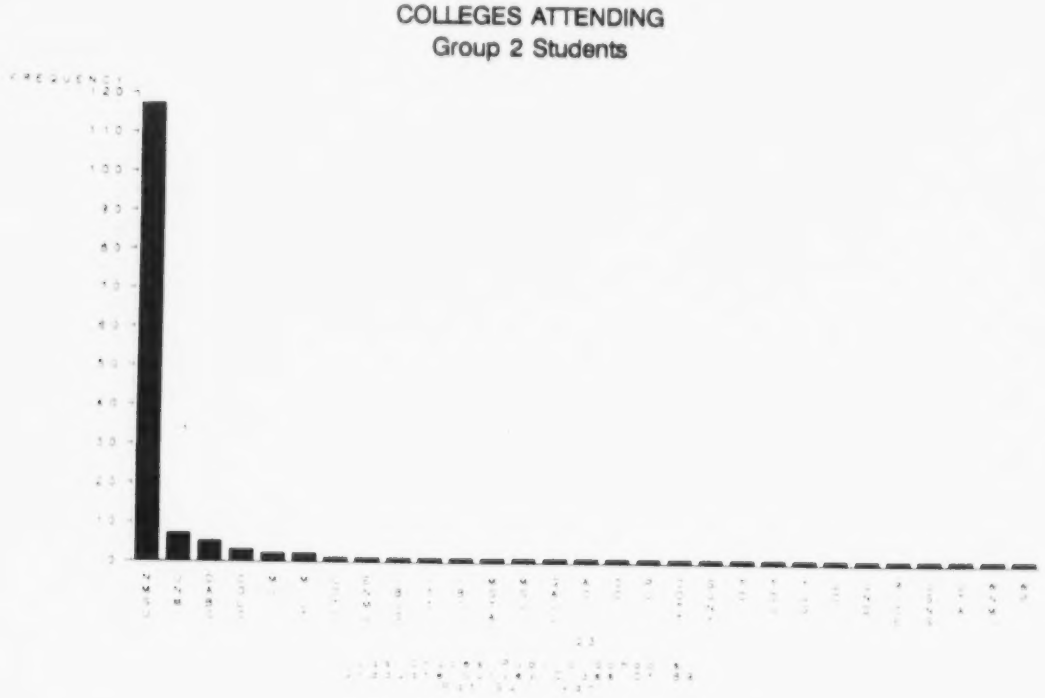
117 (74%) are attending NMSU
7 (4%) are attending Dona Ana Branch Community

College:

5 (3%) are attending Colorado College
3 (2%) are attending West Point
2 (1%) are attending McMurry University
2 (1%) are attending International Business College

The remainder of the school listed here have only one student attending from our respondents: Augustana College, College of the Canyons, Cottey College, Eastern New Mexico University, Gallandet University, Technical Training Institute, Mesilla Valley School of Thereapeutic Arts, Mississippi State University, Oberlin College, Princeton, Rice, State University of New York, Texarkana College, Texas Christian University, Texas A & M, University of California, University of Notre Dame, US Navy Sub School, University of Texas (Austin), Western New Mexico University.

FIGURE III



Question 4 - **What is your major subject?**

This question again applies to Group 2 (students) only. These are the results:

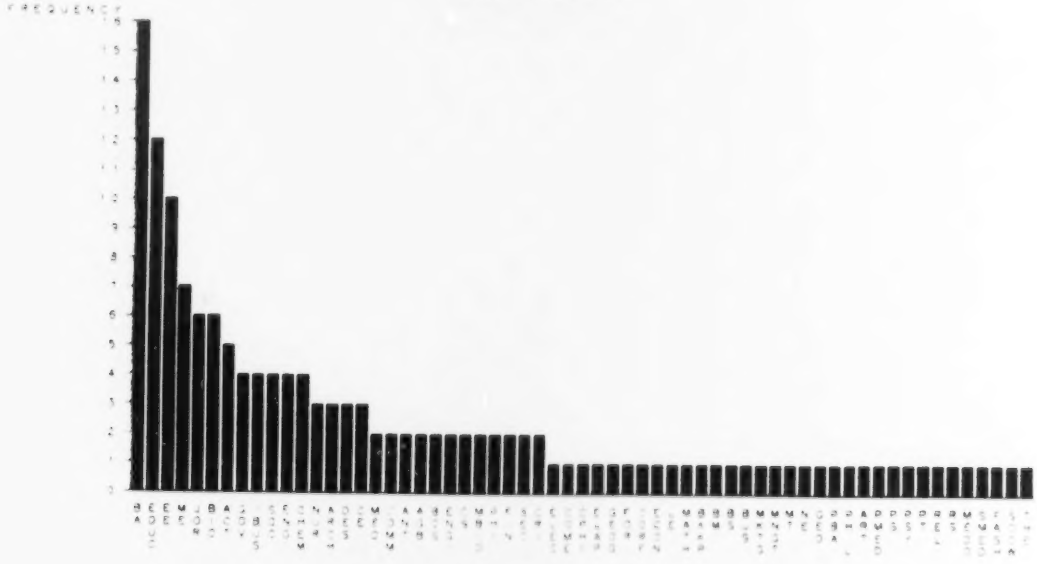
17 (11%)	Business Admin.	3 (2%)	Design
12 (8%)	Education	3 (2%)	Nursing
10 (7%)	Electrical Engineering	3 (2%)	PreMed
7 (5%)	Mechanical Engineering	2 (1%)	Ag Business
6 (4%)	Journalism	2 (1%)	Anthropology
6 (4%)	Biology	2 (1%)	Business Computers
5 (3%)	Accounting	2 (1%)	Criminal Justice
4 (3%)	Chemistry	2 (1%)	Computer Science
4 (3%)	English	2 (1%)	Engineering
4 (3%)	Government	2 (1%)	Finance
4 (3%)	International Business	2 (1%)	Micro Biology
4 (3%)	Sociology	2 (1%)	Physics
3 (2%)	Architecture	2 (1%)	Secretary
3 (2%)	Civil Engineering		

The following majors had only 1 student reporting: Art, Bookkeeping, Business Management, Biological Sciences, Computer Aided Drafting, Computer Electronics, Clinical Psychology, Economics, Electrical Apprentice, Electronics, Fashion Merchandising, Forestry, Geology, Geography, Law Enforcement, Math, Medical Office Specialist, Marketing, Management, Nuclear Energy, Philosophy, Physical Science, Psychology, Physical Therapy, Religion, Range Science, Sports Medicine, Social Work, Theatre.

FIGURE IV

COLLEGE MAJORS

Group 2 Students

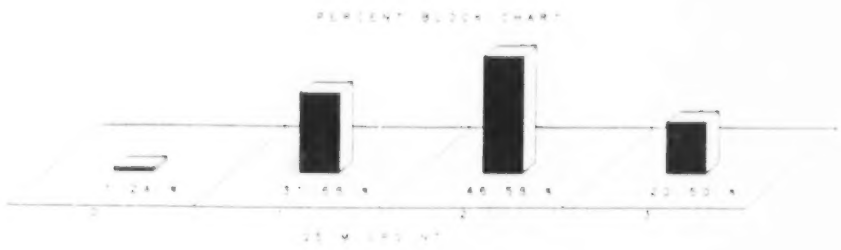


Question 5- How do your grades now compare to your high school grades?

51 my grades are higher now
75 my grades are about the same
33 my grades are lower now
2 did not answer

FIGURE V

College grades compared to h.s. grades
Group 2 Students



Question 6. **Read each statement carefully. Make a check in the space that best describes your agreement or disagreement with the statement for your present job (or last job, if unemployed). Choice of answers: strongly disagree, disagree, not sure/undecided, strongly agree, agree.**

For the purposes of the questions asking for opinions about work, only Group 4 (those presently employed) will be reported.

1. **The work is interesting to me.**

2	(2%)	Strongly disagree
18	(15%)	Disagree
15	(12%)	Not sure/Undecided
32	(26%)	Strongly agree
56	(45%)	Agree
1	(1%)	No answer

2. **My changes for advancement are good.**

13	(11%)	Strongly disagree
26	(21%)	Disagree
20	(16%)	Not sure/Undecided
29	(23%)	Strongly agree
22	(27%)	Agree
3	(2%)	No answer

3. **The pay is good, considering my training and experience.**

7	(6%)	Strongly disagree
15	(12%)	Disagree
11	(9%)	Not sure/Undecided
31	(25%)	Strongly agree
57	(46%)	Agree
3	(2%)	No answer

4. **I am satisfied with this job, at this stage in my career.**

11	(9%)	Strongly disagree
23	(19%)	Disagree
10	(8%)	Not sure/Undecided
23	(19%)	Strongly agree
55	(44%)	Agree
2	(2%)	No answer

5. **The job is related to my ultimate occupational objective.**

44	(36%)	Strongly Disagree
29	(19%)	Disagree
15	(12%)	Not sure/Undecided
14	(11%)	Strongly agree
20	(16%)	Agree
2	(2%)	No answer

Question 7.. **Which source was the most helpful in finding this job?**

Possible answers: **Friends or relatives, newspaper, employment agency, high school counselors, college placement office, other.**

For this question, answers are shown for all workers Group 4.

76	(61%)	reported Friends or Relatives
20	(16%)	reported other
15	(12%)	reported College Placement Office
8	(7%)	reported Newspaper
3	(2%)	reported Employment Agency
2	(2%)	no answer
0	(0%)	reported high school counselors

Question 8. **What are your hourly wages?**

All workers average	=	$ 4.82
Workers not going to school	=	$ 5.02
Workers attending school	=	$ 4.81

Question 9. **If you participated in a vocational program in high school, is your current job related to your vocational field of study?**

For this question of the 124 who were working:

13	(11%)	gave no answer
9	(7%)	said yes it is directly or closely related
25	(20%)	said no, it is only remotely related or not related
77	(62%)	said I did not participate in a vocational program in high school

Question 10. **Read the following list of high school areas. Then make checks in each column according to the top.**

Course Areas Listed: **Art, Business, Foreign Language, Home Economics, Social Studies, Industrial Technology, English, Math, Science, PE, ROTC.**

Questions Asked:

1. **Did you take any courses in this area? (Y/N)**
2. **If yes, to number 1, check the degree of usefulness of courses taken (Not useful, somewhat useful, very useful)**
3. **Check tere if you wish you had taken any or more courses in this area.**

The following chart reports responses from Group 1 (all) respondents. For a more detailed response including groups 2 and 3, please refer to Appendix B.

Course Area	% Taking Courses	Very Useful	Somewhat Useful	Not Useful	Should have taken more
Art	31%	5%	17%	13%	14%
Business	54%	24%	25%	7%	31%
Foreign Language	88%	33%	35%	21%	28%
Home Economics	41%	16%	19%	12%	9%
Social Studies	91%	21%	44%	23%	16%
Industrial Technology	11%	10%	10%	6%	6%
English	98%	70%	21%	4%	21%
Math	97%	66%	23%	5%	34%
Science	96%	42%	33%	20%	27%
P.E.	74%	13%	25%	37%	6%
R.O.T.C.	3%	2%	3%	8%	2%

Question 11. **In your present activity, which course area has proved:**

a: Most useful
b: Second most useful
c: Third most useful

The responses for this question were consistent for all groups. The percentage reported here is from Group A (all respondents).

Most useful	-	English	(28%)
Second most useful	-	Math	(26%)
Third most useful	-	Science	(10%)

Question 12. If you could go back and change any choices you made in high school, what would you change?

For this question, there was a wide variety of individual open ended responses. The most frequent responses are grouped in the following way: Group 1 (all)

47	(23%)	I would have used a more serious approach to my studies
43	(21%)	I would have taken more math courses
21	(10%)	I would have taken more science courses
13	(6%)	I would have taken more business courses
8	(4%)	I would have participated in more extra curricular activities.
6	(3%)	I would have taken more computer work

Examples:

"I should have taken as many classes as possible instead of as few as possible."

"I would be more involved with my studies and less involved socially! Most people you meet in high school are too worried about everything except school. Those are the people who have a harder time in college."

"I would have taken more math and science and studied these courses harder."

"I would put more effort into it."

"Take a math course my senior year."

Question 13. In your opinion, how did high school help you gain the following everyday life skills?

The categories are ranked by those helped most by high school to those helped least by high school. Since there were three possible responses (very helpful, somewhat helpful, and not helpful). The percentage responses are weighted by 2, 1, and -1.

FORMULA = (2* Very helpful % + 1* somewhat helpful % - 1* not helpful %)

RANK	DESCRIPTION	WEIGHTED NO.
1	Using proper English	152.3
2	Writing letters or reports	142.3
3	Getting along with people	129.4
4	Working out numerical problems	129.1
5	Reading for instruction	124.7
6	Thinking out problems	122.8
7	Making good decisions	104.3
8	Leading a satisfied life	96.7
9	Reading for my own pleasure	95.0
10	Speaking before groups of people	66.6
11	Managing finances	41.0
12	Getting and maintaining a job	37.9
13	Preparing for marriage/family life	- 5.0

Question 14. **Please rate the helpfulness of the following services you received in high school:**

Again, this is reported for Group 1 (all) by the responses of the most helpful to the least helpful. The three possible answers are weighted in the following manner:

Excellent = 2
Good = 1
Poor = -1

Formula for Weighted Score = (2* Excellent %) + Good% - Poor%

RANK	DESCRIPTION	WEIGHTED SCORE
1	Instruction	113.3
2	Sports	82.7
3	Social Activities	79.4
4	Academic Extracurricular	79.2
5	Library	76.9
6	Counseling	59.1
7	Personal Support	56.1
8	Transportation	49.7
9	Food Services	37.4
10	Nursing	36.0
11	Career Planning	19.3

Please refer to Appendix C for specific response rates.

Question 15. **Please make any further comments here:**

This question was asking for any voluntary comments and was completely open ended. For the purpose of this report, the most frequent comments are categorized in general terms and are reported. This is the percentage of Group 1 (all) students that gave such a response.

19	(9%)	Good teachers/administrators/counselors
17	(8%)	Good high school experience
16	(8%)	Needed more career planning/counseling
15	(7%)	Poor high school experience
15	(7%)	High school was not challenging enough
12	(6%)	Poor teachers/administrators/counselors
7	(5%)	Learned the value of high school after graduation
8	(3%)	AP/AEP program very helpful

Examples:

"There are some teachers who should really be recognized for their wonderful efforts in teaching us..."

"The Advanced Placement classes that I took in high school have proven to be the most valuable classes I ever took."

"I feel there is a need for encouragement and motivation for high school students to take advantage of the education they can receive in high school."

"I enjoyed school very much but would have preferred more counseling and encouragement."

"High school was one of the greatest parts of my life."

"The schools are getting too crowded which is causing some students to loose concentration of their education."

"Thank you for letting me have an opportunity to judge and reflect my aspirations on paper."

Conclusions

1. Clearly, the respondent group indicated that English, math and science were the most useful subjects in high school and more emphasis should be placed on them. (Refer to Ques. 10,11)

2. Post-graduates believe they could have and should have taken a more serious approach to their high school studies.(Refer to Ques. 12,15)

3. Respondents believe career planning and counseling services are very weak in our high schools. (Refer to Ques. 13,14)

4. Since most of the Las Cruces graduates who attend college are attending N.M.S.U. , close coordination with the expectations and requirements of the University should exist. (Refer to Ques. 3)

5. The A.P. and A.E.P. programs have proven beneficial to those attending college. (Refer to Ques. 15)

6. Most of the college attending respondents are also working either full time or part time. (Refer to Ques. 1)

7. Of the 30 respondents who are not attending school or in the armed forces, 2 (7%) are not able to find work, 13 (43%) show high job satisfaction. 14 (47%) participated in a vocational program in high school, but only 3 (10%) claimed the job was closely related to their vocational studies in high school. (Refer to Ques. 6,7,8,9)

8. This is the first attempt at conducting a graduate follow-up survey to the Las Cruces graduates. A survey of this type should be conducted every third or fourth year and revisions made each time to improve the survey instrument.

9. Future follow-up surveys need to be conducted in a way to increase the return rate. This can be accomplished by sending out a second mailing to remind those not responding, and by following up a third time by telephone.

APPENDIX A

LAS CRUCES
PUBLIC SCHOOLS

High School Post-Graduate Survey
December 15, 1990

Dear Graduate:

In order to assess the relevance of our high school programs and determine how we can improve them in the future, we are conducting a survey of the high school graduating class of 1989. Now that you have been out of high school for a while, you have probably given some thought to your high school preparation and how it has helped you. Your opinions are of interest to us. We want to improve our schools. To do this, we need your help.

You will find the rest of this booklet is a questionnaire that deals with your high school and post-high school experiences. It will take you about 15 minutes to complete. I ask that you complete it at your earliest convenience and return it in the envelope provided by January 10, 1991.

Your replies on the questionnaire will be kept entirely CONFIDENTIAL. We emphasize this because we want you to answer as honestly and completely as possible.

We hope this letter finds you well. Best wishes and good luck to you in your future activities.

Cordially,

Jesse L. Gonzales
Superintendent
Las Cruces Public Schools

301 W. Amador • Las Cruces, New Mexico 88005 • (505) 526-3341

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High School Post-Graduate Survey

Please follow the instructions carefully and answer all questions that apply to you.

1. What are you doing at the present time? (Check each item that describes your present activity)

___In school, full-time
___In school, part-time
___In armed forces
___Housewife
___Other (please specify)_____

___Working, full-time
___Working, part-time
___Not working, looking for a job
___Not working, not looking for a job

Complete the following questions if you are attending school full-time or part-time.

2. What type of school are you attending?

___Four-year college or university
___Technical School (type)_____
___Trade School (type)_____
___Private Business School
___Other (describe)_____

___Junior college (Also check 1 below)
___plan to transfer to 4 year school
___two year AA only
___Certificate Program (describe)_____
___Other (describe)_____

3. What is the name of the school?_____

4. What is your major subject?_____

5. How do your grades now compare to your high school grades ?

___my grades are higher now
___my grades are about the same
___my grades are lower now

6. Read each statement carefully. Make a check in the space that best describes your agreement or disagreement with the statement for your present job (or last job, if unemployed).

strongly disagree	disagree	not sure/ undecided	strongly agree	agree	
____	____	____	____	____	The work is interesting to me
____	____	____	____	____	My chances for advancement are good
____	____	____	____	____	The pay is good, considering my training and experience
____	____	____	____	____	I am satisfied with this job, at this stage in my career
____	____	____	____	____	The job is related to my ultimate occupational objective

Complete the questions in this box if you are working full-time or part-time.

7. Which source was the most helpful in finding this job?
   ____Friends or Relatives
   ____Newspaper
   ____Employment Agency
   ____High School Counselors
   ____College Placement Office
   ____Other (Please Specify)

8. What are your hourly wages? _____

9. If you participated in a vocational program in high school, is your current job related to your vocational field of study?
   ___Yes, it is directly or closely related
   ___No, it is only remotely related or it is not related at all
   ___I did not participate in a vocational program in high school

10. Read the following list of high school course areas. Then make checks in each column according to the instruction at the top.

Course Areas	Did you take any courses in this area? no	yes	If yes, check the degree of usefulness of courses taken. not useful	somewhat useful	very useful	Check here if you wish you had taken any or more courses in this area.
Art	___	___	___	___	___	___
Business	___	___	___	___	___	___
Foreign Language	___	___	___	___	___	___
Home Economics	___	___	___	___	___	___
Social Studies	___	___	___	___	___	___
Industrial Tech.	___	___	___	___	___	___
English	___	___	___	___	___	___
Math	___	___	___	___	___	___
Science	___	___	___	___	___	___
PE	___	___	___	___	___	___
ROTC	___	___	___	___	___	___

11. In your present activity, which course area has proved:
    Most useful _____
    Second most useful _____
    Third most useful _____
    (Please write only one course in each blank)

12. If you could go back and change any choices you made in high school, what would you change?

_____

_____

_____

13. In your opinion, how much did high school help you gain the following everyday life skills?

Not Helpful	Somewhat Helpful	Very Helpful	
____	____	____	Reading for my own pleasure
____	____	____	Reading for instruction
____	____	____	Writing letters, reports, or notes
____	____	____	Working out numerical problems
____	____	____	Managing Finances
____	____	____	Speaking before groups of people
____	____	____	Preparing for marriage or family life
____	____	____	Getting and maintaining a job
____	____	____	Using proper English
____	____	____	Thinking out problems and forming my own opinion
____	____	____	Getting along with people
____	____	____	Leading a satisfied life
____	____	____	Making good decisions

14. Please rate the helpfulness of the following services you received in high school.

	Poor	Good	Excellent
Instruction	____	____	____
Nursing(Health)	____	____	____
Counseling	____	____	____
Career Planning	____	____	____
Sports	____	____	____
Social Activities	____	____	____
Academic Extracurricular	____	____	____
Food Services	____	____	____
Transportation	____	____	____
Library	____	____	____
Personal Support	____	____	____

15. Please make any further comments here:

_____

_____

_____

_____

_____

_____

Thank you for your cooperation in completing and sending this form.

Please fill in the correct information at the right.

NAME_____

ADDRESS_____
no. street city

_____ PHONE _____
state zip area code no.

APPENDIX B

The responses are shown by course area using Group 1 (All respondents), Group 2 (Students), and Group 3 (Nonstudents).

Art

Question 1: Did you take any courses in this area?

Group 1	Group 2	Group 3	RESPONSES
62 (31%)	49 (30%)	13 (31%)	YES
122 (60%)	100 (62%)	22 (52%)	NO
19 (9%)	12 (8%)	7 (17%)	NO ANSWER

Question 2: The degree of usefulness

Group 1	Group 2	Group 3	RESPONSES
26 (13%)	18 (11%)	8 (19%)	NOT USEFUL
35 (17%)	29 (18%)	6 (14%)	SOMEWHAT USEFUL
11 (5%)	9 (6%)	2 (5%)	VERY USEFUL
131 (65%)	105 (65%)	26 (62%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

Group 1	Group 2	Group 3	RESPONSES
29 (14%)	24 (15%)	5 (12%)	YES
174 (86%)	137 (85%)	37 (88%)	NO

Business

Question 1: Did you take any courses in this area?

Group 1	Group 2	Group 3	RESPONSES
110 (54%)	82 (51%)	28 (67%)	YES
77 (38%)	67 (42%)	10 (24%)	NO
16 (8%)	12 (8%)	4 (9%)	NO ANSWER

Question 2: The degree of usefulness

Group 1	Group 2	Group 3	RESPONSES
15 (7%)	9 (6%)	6 (14%)	NOT USEFUL
50 (25%)	38 (24%)	12 (29%)	SOMEWHAT USEFUL
48 (24%)	36 (22%)	12 (29%)	VERY USEFUL
90 (44%)	78 (48%)	12 (29%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

Group 1	Group 2	Group 3	RESPONSES
63 (31%)	41 (26%)	22 (52%)	YES
140 (69%)	120 (74%)	20 (48%)	NO

Foreign Language

Question 1: Did you take any courses in this area?

Group 1	Group 2	Group 3	RESPONSE
178 (88%)	148 (92%)	30 (71%)	YES
19 (9%)	12 (7%)	7 (16%)	NO
6 (3%)	1 (1%)	5 (12%)	NO ANSWER

Question 2: The degree of usefulness

Group 1	Group 2	Group 3	RESPONSE
43 (21%)	31 (19%)	12 (29%)	NOT USEFUL
70 (35%)	61 (38%)	9 (21%)	SOMEWHAT USEFUL
66 (33%)	55 (34%)	11 (26%)	VERY USEFUL
24 (12%)	14 (9%)	10 (24%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

Group 1	Group 2	Group 3	RESPONSE
56 (28%)	40 (25%)	16 (38%)	YES
147 (72%)	121 (75%)	26 (62%)	NO

Home Economics

Question 1: Did you take any courses in this area?

Group 1	Group 2	Group 3	RESPONSE
83 (41%)	56 (35%)	27 (64%)	YES
101 (50%)	92 (57%)	9 (21%)	NO
19 (9%)	13 (8%)	6 (14%)	NO ANSWER

Question 2: The degree of usefulness

Group 1	Group 2	Group 3	RESPONSE
25 (12%)	21 (13%)	4 (10%)	NOT USEFUL
39 (19%)	27 (17%)	12 (29%)	SOMEWHAT USEFUL
34 (16%)	23 (14%)	11 (26%)	VERY USEFUL
105 (52%)	90 (56%)	15 (36%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

Group 1	Group 2	Group 3	RESPONSE
19 (9%)	14 (9%)	5 (12%)	YES
184 (91%)	147 (91%)	37 (88%)	NO

Social Studies

Question 1: Did you take any courses in this area?

Group 1	Group 2	Group 3	RESPONSES
189 (91%)	148 (92%)	37 (88%)	YES
10 (5%)	9 (6%)	1 (2%)	NO
8 (4%)	4 (3%)	4 (10%)	NO ANSWER

Question 2: The degree of usefulness

Group 1	Group 2	Group 3	RESPONSES
47 (23%)	31 (19%)	16 (38%)	NOT USEFUL
90 (44%)	79 (49%)	11 (26%)	SOMEWHAT USEFUL
43 (21%)	33 (21%)	10 (24%)	VERY USEFUL
23 (11%)	18 (11%)	5 (12%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

Group 1	Group 2	Group 3	RESPONSES
33 (16%)	22 (14%)	16 (38%)	YES
170 (84%)	139 (86%)	31 (74%)	NO

Industrial Tech.

Question 1: Did you take any courses in this area?

Group 1	Group 2	Group 3	RESPONSES
23 (11%)	20 (12%)	3 (7%)	YES
153 (75%)	121 (75%)	32 (76%)	NO
27 (13%)	20 (12%)	7 (17%)	NO ANSWER

Question 2: The degree of usefulness

Group 1	Group 2	Group 3	RESPONSES
13 (6%)	12 (8%)	1 (2%)	NOT USEFUL
21 (10%)	19 (12%)	2 (5%)	SOMEWHAT USEFUL
21 (10%)	18 (11%)	3 (7%)	VERY USEFUL
148 (73%)	112 (70%)	36 (86%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

Group 1	Group 2	Group 3	RESPONSES
13 (6%)	10 (6%)	3 (7%)	YES
190 (94%)	151 (94%)	39 (93%)	NO

English

Question 1: Did you take any courses in this area?

Group 1	Group 2)	Group 3	RESPONSES
199 (98%)	161 (100%)	38 (91%)	YES
0 (0%)	0 (0%)	0 (0%)	NO
4 (2%)	0 (0%)	4 (10%)	NO ANSWER

Question 2: The degree of usefulness

Group 1	Group 2	Group 3	RESPONSES
8 (4%)	6 (4%)	2 (5%)	NOT USEFUL
42 (21%)	34 (21%)	8 (19%)	SOMEWHAT USEFUL
143 (70%)	115 (71%)	28 (67%)	VERY USEFUL
10 (5%)	6 (4%)	4 (10%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

Group 1	Group 2	Group 3	RESPONSES
42 (21%)	32 (20%)	10 (24%)	YES
161 (79%)	129 (80%)	32 (76%)	NO

Math

Question 1: Did you take any courses in this area?

Group 1	Group 2	Group 3	RESPONSES
197 (97%)	160 (99%)	37 (88%)	YES
2 (1%)	1 (1%)	1 (2%)	NO
4 (2%)	0 (0%)	4 (10%)	NO ANSWER

Question 2: The degree of usefulness

Group 1	Group 2	Group 3	RESPONSES
11 (5%)	1 (2%)	10 (6%)	NOT USEFUL
47 (23%)	35 (22%)	12 (29%)	SOMEWHAT USEFUL
134 (66%)	110 (68%)	24 (57%)	VERY USEFUL
11 (5%)	6 (4%)	5 (12%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

Group 1	Group 2	Group 3	RESPONSES
78 (34%)	61 (38%)	17 (41%)	YES
125 (62%)	100 (62%)	25 (59%)	NO

Science

Question 1:	Did you take any courses in this area?		
Group 1	Group 2	Group 3	RESPONSE
195 (96%)	158 (98%)	37 (88%)	YES
3 (2%)	2 (1%)	1 (2%)	NO
5 (1%)	1 (1%)	4 (10%)	NO ANSWER

Question 2:	The degree of usefulness		
Group 1	Group 2	Group 3	RESPONSE
40 (20%)	27 (17%)	13 (31%)	NON USEFUL
66 (33%)	52 (32%)	14 (33%)	SOMEWHAT USEFUL
85 (42%)	75 (47%)	10 (24%)	VERY USEFUL
12 (6%)	7 (4%)	5 (12%)	NO ANSWER

Question 3:	Do you wish you had taken more courses in this area?		
Group 1	Group 2	Group 3	RESPONSE
54 (27%)	43 (27%)	11 (26%)	YES
149 (73%)	118 (73%)	31 (74%)	NO

PE

Question 1:	Did you take any courses in this area?		
Group 1	Group 2	Group 3	RESPONSE
150 (74%)	122 (76%)	28 (67%)	YES
38 (19%)	29 (18%)	9 (21%)	NO
15 (7%)	10 (6%)	5 (12%)	NO ANSWER

Question 2:	The degree of usefulness		
Group 1	Group 2	Group 3	RESPONSE
74 (37%)	56 (35%)	18 (43%)	NOT USEFUL
50 (25%)	42 (26%)	8 (19%)	SOMEWHAT USEFUL
26 (13%)	22 (14%)	4 (10%)	VERY USEFUL
53 (26%)	41 (26%)	12 (29%)	NO ANSWER

Question 3:	Do you wish you had taken more courses in this area?		
Group 1	Group 2	Group 3	RESPONSE
12 (6%)	8 (5%)	4 (10%)	YES
191 (94%)	153 (95%)	38 (90%)	NO

ROTC

Question 1: Did you take any courses in this area?

Group 1	Group 2	Group 3	RESPONSE
6 (3%)	4 (3%)	2 (5%)	YES
164 (81%)	132 (82%)	32 (76%)	NO
33 (16%)	25 (16%)	8 (19%)	NO ANSWER

Question 2: The degree of usefulness

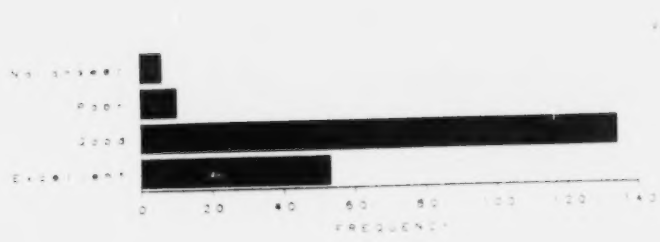
Group 1	Group 2	Group 3	RESPONSE
16 (8%)	13 (8%)	3 (7%)	NOT USEFUL
5 (3%)	4 (3%)	1 (2%)	SOMEWHAT
3 (2%)	1 (1%)	2 (5%)	VERY USEFUL
179 (88%)	143 (89%)	36 (86%)	NO ANSWER

Question 3: Do you wish you had taken more courses in this area?

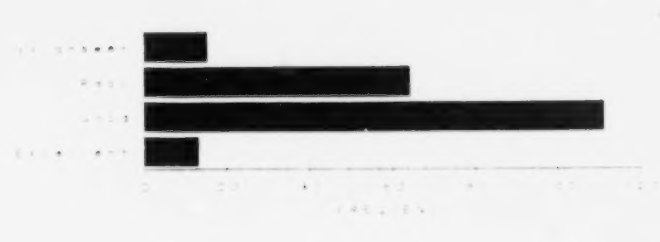
Group 1	Group 2	Group 3	RESPONSE
4 (2%)	3 (1.9%)	1 (2.4%)	YES
199 (98%)	159 (98%)	41 (97.6%)	NO

APPENDIX C

Instruction Evaluation
Group 1 All



Nursing Evaluation
Group 1 All



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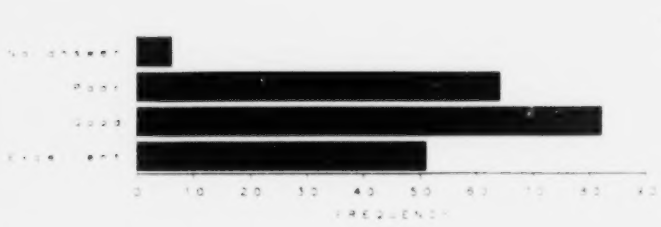
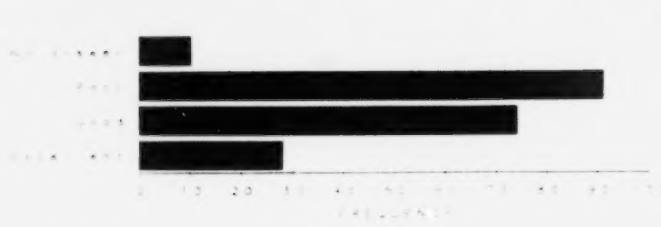
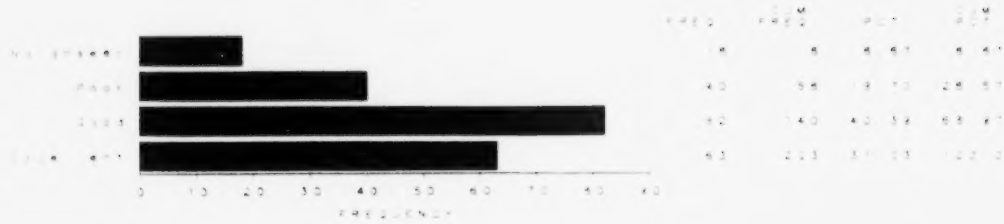
Counseling Evaluation
Group 1 All



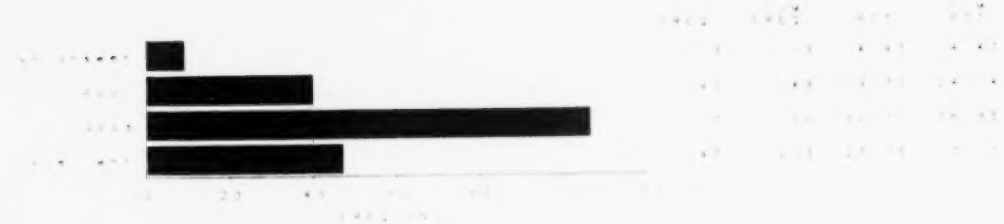
Career Planning Evaluation
Group 1 All



Sports Evaluation
Group 1 All



Social Activities Evaluation
Group 1 All



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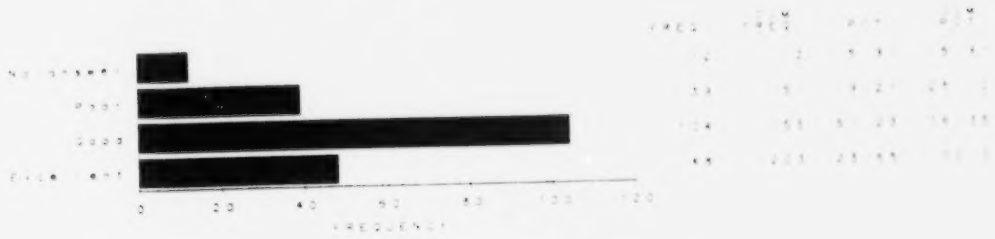
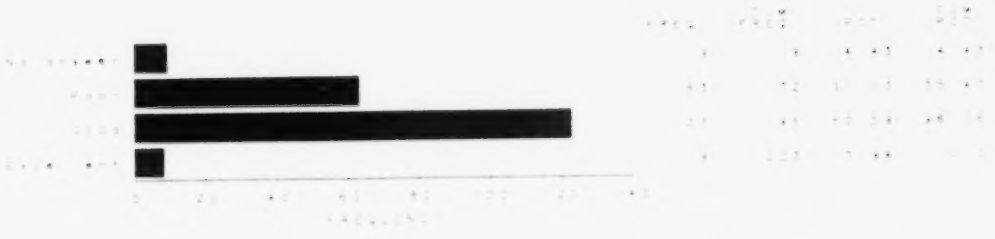
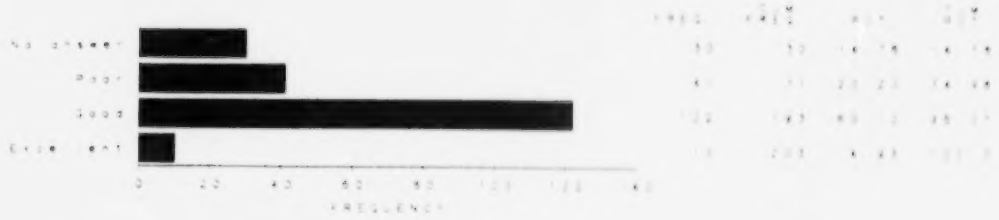
Academic Extracurricular Evaluation
Group 1 All



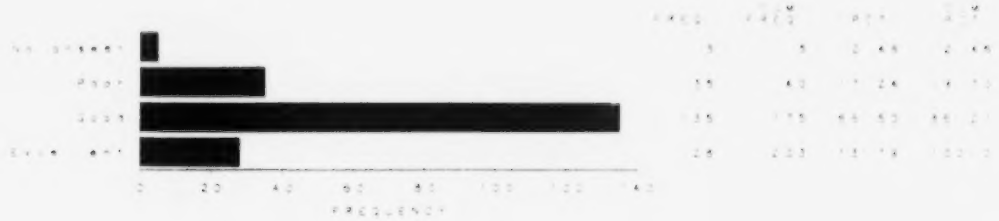
Food Services Evaluation
Group 1 All



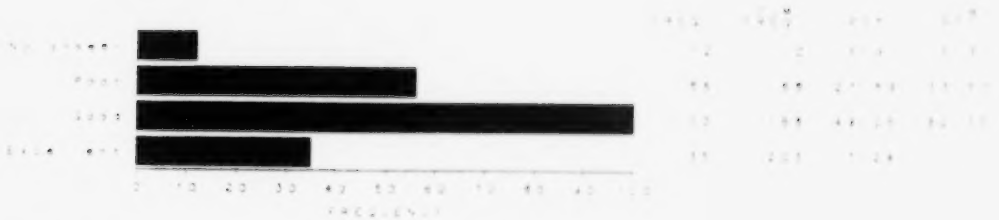
Transportation Evaluation
Group 1 All



Library Evaluation
Group 1 All



Personal Support Evaluation
Group 1 All



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